

Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

1. (currently amended) An inkjet recording device, comprising:

a conveyance belt tensioned on a plurality of rollers for conveying a recording medium while rolling, said conveyance belt being charged to hold the recording medium thereon for conveyance;

a recording unit configured to eject ink onto the recording medium on the conveyance belt; and

a guide unit arranged on the inner side of the conveyance belt facing the recording unit between two of the rollers, wherein

said guide unit includes a plurality of projecting stripes in contact with the conveyance belt, [[and]] a top surface of said projecting stripes forming a guide surface; and

said projecting stripes are arranged in a direction perpendicular to a rolling direction of the conveyance belt, and ~~are arranged to push said guide surface comprising the top surfaces of said projecting stripes pushes~~ a portion of the conveyance belt corresponding to said guide surface so that the pushed portion of the conveyance belt approaches the recording unit.

2. (original) The inkjet recording device as claimed in claim 1, wherein an upper face of said guide unit is higher than the upper tangent line of two of the plurality of rollers.

Claim 3 (canceled).

4. (previously presented) The inkjet recording device as claimed in claim 1, wherein a width of each of the projecting stripes is substantially less than or equal to 5 mm.

5. (currently amended) An inkjet recording device, comprising:

a conveyance belt tensioned on a plurality of rollers for conveying a recording medium while rolling, said conveyance belt being charged to hold the recording medium thereon for conveyance;

a recording unit configured to eject ink onto the recording medium on the conveyance belt;

a guide unit arranged on the inner side of the conveyance belt facing the recording unit between two of the rollers; and

delivering rollers arranged to carry the recording medium conveyed by the conveyance belt after recording so as to further convey the recording medium, a height where said delivering rollers carry the recording medium being lower than the height of an upper face of said guide unit in contact with the conveyance belt, wherein

said guide unit includes a plurality of projecting stripes in contact with the conveyance belt, [[and]] a top surface of said projecting stripes forming a guide surface; and

said projecting stripes are arranged in a direction perpendicular to a rolling direction of the conveyance belt, and are arranged to push said guide surface comprising the top surfaces of said projecting stripes pushes a portion of the conveyance belt corresponding to said guide surface so that the pushed portion of the conveyance belt approaches the recording unit.

6. (original) The inkjet recording device as claimed in claim 5, further comprising:
a conveying roller arranged in contact with one of the rollers tensioning the conveyance belt to convey the recording medium to the recording unit, a height where said conveying roller carries the recording medium being lower than the height of the upper face of said guide unit in contact with the conveyance belt.

7. (original) The inkjet recording device as claimed in claim 6, wherein the height where said conveying roller carries the recording medium is higher than the height where said delivering rollers carry the recording medium.

8. (original) The inkjet recording device as claimed in claim 7, wherein the recording medium is inverted before being carried by the conveying roller.

9. (original) The inkjet recording device as claimed in claim 1, further comprising:
a separation unit arranged on a downstream side relative to the pushed portion for separating the recording medium from the conveyance belt after recording.

10. (original) The inkjet recording device as claimed in claim 9, wherein the separation unit includes a separation claw.

11. (original) The inkjet recording device as claimed in claim 10, wherein the separation claw is arranged to be contactable to and separatable from a surface of the conveyance belt.

12. (original) The inkjet recording device as claimed in claim 1, further comprising:
a guide roller arranged on the inner side of and in contact with the conveyance belt at one of the ends of the guide unit along the rolling direction of the conveyance belt.

13. (currently amended) An image forming apparatus, comprising:
a conveyance belt tensioned on a plurality of rollers for conveying a recording medium while rolling, said conveyance belt being charged to hold the recording medium thereon for conveyance;
a recording unit configured to eject ink onto the recording medium on the conveyance belt; and

a guide unit arranged on the inner side of the conveyance belt facing the recording unit between two of the rollers, wherein

said guide unit includes a plurality of projecting stripes in contact with the conveyance belt, [[and]] a top surface of said projecting stripes forming a guide surface; and
said projecting stripes are arranged in a direction perpendicular to a rolling direction of the conveyance belt, and ~~are arranged to push said guide surface comprising the top surfaces of said projecting strips pushes a portion of the conveyance belt corresponding to said guide surface~~ so that the pushed portion of the conveyance belt approaches the recording unit.

14. (currently amended) An image forming apparatus, comprising:
a conveyance belt tensioned on a plurality of rollers for conveying a recording medium while rolling, said conveyance belt being charged to hold the recording medium thereon for conveyance;

a recording unit configured to eject ink onto the recording medium on the conveyance belt;

a guide unit arranged on the inner side of the conveyance belt facing the recording unit between two of the rollers; and

delivering rollers arranged to carry the recording medium conveyed from the conveyance belt after recording so as to further convey the recording medium, a height where said delivering rollers carry the recording medium being lower than the height of an upper face of said guide unit in contact with the conveyance belt, wherein

said guide unit includes a plurality of projecting stripes in contact with the conveyance belt, [[and]] a top surface of said projecting stripes forming a guide surface; and

said projecting stripes are arranged in a direction perpendicular to a rolling direction of the conveyance belt, and ~~are arranged to push~~ said guide surface comprising the top surfaces of said projecting stripes pushes a portion of the conveyance belt corresponding to said guide surface so that the pushed portion of the conveyance belt approaches the recording unit.

15. (original) The image forming apparatus as claimed in claim 14, further comprising:

a conveying roller arranged in contact with one of the rollers tensioning the conveyance belt to convey the recording medium to the recording unit, a height where said conveying roller carries the recording medium being lower than the height of the upper face of said guide unit in contact with the conveyance belt.

16. (currently amended) A sheet conveyance device, comprising:

a conveyance belt tensioned on a plurality of rollers for conveying a recording medium

while rolling, said conveyance belt being charged to hold the recording medium thereon for conveyance; and

 a guide unit arranged on the inner side of the conveyance belt between two of the rollers, wherein

 said guide unit includes a plurality of projecting stripes in contact with the conveyance belt, [[and]] a top surface of said projecting stripes forming a guide surface; and

 said projecting stripes are arranged in a direction perpendicular to a rolling direction of the conveyance belt, and ~~are arranged to push said guide surface comprising the top surfaces of said projecting stripes pushes~~ a portion of the conveyance belt corresponding to said guide surface from the inner side of the conveyance belt to outside of the conveyance belt so that the pushed portion of the conveyance belt is projected.

17. (currently amended) A sheet conveyance device, comprising:

 a conveyance belt tensioned on a plurality of rollers for conveying a recording medium while rolling, said conveyance belt being charged to hold the recording medium thereon for conveyance;

 a guide unit arranged on the inner side of the conveyance belt facing the recording unit between two of the rollers; and

 delivering rollers arranged to carry the recording medium conveyed from the conveyance belt after recording so as to further convey the recording medium, a height where said delivering rollers carry the recording medium being lower than the height of the upper face of said guide unit in contact with the conveyance belt, wherein

 said guide unit includes a plurality of projecting stripes in contact with the conveyance

belt, [[and]] a top surface of said projecting stripes forming a guide surface; and

 said projecting stripes are arranged in a direction perpendicular to a rolling direction of the conveyance belt, and ~~are arranged to push~~ said guide surface comprising the top surfaces of said projecting stripes pushes a portion of the conveyance belt corresponding to said guide surface so that the pushed portion of the conveyance belt approaches the recording unit.

18. (original) The sheet conveyance device as claimed in claim 17, further comprising:

 a conveying roller arranged in contact with one of the rollers tensioning the conveyance belt to convey the recording medium to the recording unit, a height where said conveying roller carries the recording medium being lower than the height of the upper face of said guide unit in contact with the conveyance belt.